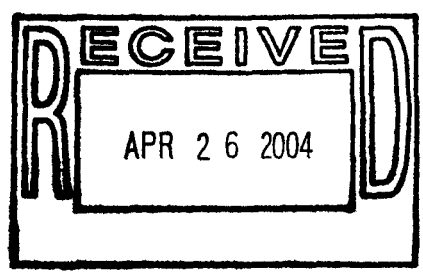
QUARTERLY STATUS REPORT

ROCKY FLATS CLEANUP AGREEMENT IMPLEMENTATION

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

SECOND QUARTER FISCAL YEAR 2003



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1.0 Introduction

Pursuant to paragraphs 122 and 263 of the Rocky Flats Cleanup Agreement (RFCA or Agreement), this quarterly status report presents the progress toward implementation of activities covered under the Agreement The RFCA is a legally binding agreement between the Department of Energy (DOE), the Environmental Protection Agency (EPA), and the Colorado Department of Public Health and Environment (CDPHE) to accomplish required cleanup of radionuclide and hazardous substance contamination at and from the Rocky Flats Environmental Technology Site (RFETS) For the purposes of this report, the term, the Site, refers to both DOE and the Kaiser-Hill Company, L L C (Kaiser-Hill)

This report describes activities that occurred from January 2003 through March 2003 (referred to as the second quarter of fiscal year [FY] 03) The sections of this report are organized into the following topics (1) Introduction, (2) Site-wide Activities Implementing RFCA and Supporting RFETS Closure, (3) RFETS Closure Projects, (4) Water Management, and (5) List of Approved Decision Documents

2.0 Site-wide Activities Implementing RFCA and Supporting RFETS Closure

Site-wide activities implementing RFCA and supporting RFETS closure during the second quarter of FY03 included (1) Closure Project Baseline and Status of RFCA Milestones, (2) Integrated Monitoring Plan Update, (3) Water Management Closure Planning Process Update, (4) Actinide Migration Evaluation Update, and (5) Volatile Organic Compound Modeling update

2 1 Closure Project Baseline and Status of RFCA Milestones

In accordance with the RFCA earned value framework, which the RFCA Parties adopted for setting milestones pursuant to the requirements in RFCA Part 11, Subpart A, the following is the current Site status on achieving the FY03 Tier 1 milestones The earned value amounts and percentages are through March 23, 2003 The earned values shown below represent validated 1st and 2nd Quarter results that indicate that all FY03 Tier 1 milestones have been met

Table 1.
STATUS OF FY03 RFCA MILESTONES THROUGH SECOND QUARTER

RFCA EV Category	FY03 Milestone (BCWS - $M)	1st Quarter Actual (BCWP - $M validated)	2nd Quarter Actual (BCWP - $M validated)	3rd Quarter Actual	4th Quarter Actual
D&D	28.10 (met w/02 carryover)	33.01	33.01		
LLW	5.91 (met w/02 carryover	7.23	13.90		
TRU	75	.74	1 13 (milestone met)		
ER	.55 (met w/02 carryover	15.82	15.82		
M5	26.86 (adjusted for 02 aggregate carryover)	47.52 (milestone met - $20 67M surplus)	64.39 ($37 53M surplus)		

The Site continued to accelerate work in all areas of the project during the second quarter of FY03 This acceleration has been enabled by the continued focus on safety that has allowed the buildings to operate without major work stoppages, and the deployment of new technologies that improved productivity At the end of the second quarter of FY03, the major facilities continued to accelerate their decommissioning work activities As decommissioning work is accelerated, waste shipping continues to accelerate to keep up with waste volumes

The focus during FY03 will be to accelerate Decontamination & Decommissioning (D&D) of the south side (uranium buildings and support facilities), continue accelerated progress in decommissioning of plutonium facilities, increase volume of waste shipped over prior year levels, and continue to accelerate environmental restoration

These statistics are based upon the subset of activities coded as RFCA on the Contract Predetermined Work Activity matrix most recently approved by DOE These statistics will not reflect any recent changes to the RFCA activities that may have resulted from recent negotiations between DOE and the regulators

2.2 Integrated Monitoring Plan Update

All sections of the FY03 Integrated Monitoring Plan are ready for publication with the exception of Surface Water Monitoring Surface-water data quality objectives and tentatively proposed revisions to them are still undergoing review and internal discussions

It has been suggested that the revised document be published with all accepted changes to date, and that future revisions be distributed quarterly as document modifications Revisions would be distributed electronically, with instructions as to their location in the existing complete document, and a revised table of contents indicating the changed pages and the distribution dates for each revision The intent of the change would be to avoid protracted delays in the distribution of information regarding the current state of the monitoring program This proposed change in distribution schedule would be discussed in the next Integrated Monitoring Plan meeting, not yet scheduled

2.3 Volatile Organic Compound Modeling

Continued progress occurred during the second quarter of FY03 toward development of a numerical model to predict the transport of Volatile Organic Compounds (VOCs) in the RFETS groundwater The computer model is being created to support the RFETS Comprehensive Risk Assessment Following an extensive review of historic information on VOC releases, detailed analysis of groundwater well data, and consultation with Site experts on groundwater and VOC sources, a conceptual model was developed of VOC contamination zones identified for 10 of the VOCs detected in RFETS groundwater The conceptual model will help to guide the development and calibration of the numerical model

While conceptual boundaries of the contamination zones were being refined, a preliminary surface water flow model was developed for the project The surface water model will be tested and incorporated into the integrated MIKE SHE hydrologic model The model area includes the Industrial Area, from North Walnut Creek to Woman Creek and extends eastward to the A- and B-Series ponds The ponds will not be simulated in the model, however, groundwater discharge to the ponds and to surface water will be simulated Information was prepared to analyze VOC transport from 1951, RFETS inception, through the present, and includes historic climate data, historic pavement and building coverage, and other refined infrastructure data such as storm drains, sanitary drains, and foundation drains Calibration of the integrated surface water and groundwater flow model continued through April 2003, when work began on the contaminant transport component of the model

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3.0 RFETS Closure Projects

RFETS Closure activities conducted during the second quarter of FY03 include (1) Industrial Area Operable Unit, Building (B) 771, (2) Industrial Area Operable Unit, B776/777, (3) Industrial Area Operable Unit, B371/374, (4) Industrial Area Operable Unit, B707, and (5) Remediation, Industrial & Site Services Project (RISS)

3.1 Industrial Area Operable Unit, B771 Closure Project

The B771 Closure Project Decommissioning Operations Plan (DOP) was approved by CDPHE on January 11, 1999 As of December 31, 2002, four modifications to the DOP have been approved During the second quarter of FY03, the B771 Closure Project Team conducted the following activities

1 Completed D&D work set 82 and area dismantlement (Area AA)

2 Completed sludge removal activities in B774 Approximately 275 drums of Transuranic Mixed Waste were generated Three out of the 251 tanks remain

3 Sampling activities per the Industrial Area Sampling and Analysis Plan (IASAP) have been completed The final report should be completed during the third quarter of FY03

4 Mactec's wastewater treatment unit has been tested and is operational The unit will support hydro-lasing activities which have been initiated Internal wall demolition has begun in limited areas Dismantlement of Area AE (the west side of B771) is approximately 95% complete

5 Final survey activities are approximately 90% complete on the maintenance shop

3.2 Industrial Area Operable Unit, B776/777 Closure Project

The B776/777 Closure Project DOP was approved by CDPHE on November 5, 1999 As of December 31, 2002, nine minor modifications to the DOP have been approved During the second quarter of FY03, the B776/777 Closure Project Team completed one D&D work set bringing the total to 74 sets completed to date There are a total of eighty-four work sets in the 776/777 Project The set completed this quarter was Set 79 Set 79 included the decommissioning of the Criticality Accident Alarm System and Deluge System

DOE comments on the preliminary draft of the Demolition Plan for Building 776/777 were incorporated, and a revised draft was submitted to DOE and CDPHE for comment This will be a major modification to the B776/777 DOP

3 3 Industrial Area Operable Unit, B371/374 Closure Project

The B371/374 Closure Project DOP was approved by CDPHE on March 29, 2001 As of December 31, 2002, three field modifications to the DOP have been approved During the second quarter of FY03, the B371/374 Closure Project Team conducted the following activities

1 Completed removal of Raschig Rings in Set 12 (Rooms 1103, 1105, 1115, 1117, 1127, and 2327) and are currently removing rings from Set 6 (Room 3563) The vacuum system was successfully used in these sets This brings the total to 58 tanks that have had the rings removed utilizing the vacuum system Many of the tanks have been surveyed and confirmed surface contaminated object If feasible, the tanks that have not met the surface contaminated object criteria are being deconned utilizing the cerium nitrate decontamination technology

2 Completed dismantlement of Set 3 (Room 3517), Set 5 (Room 3573), Set 11 (Room 1101), Set 32 (Room 3501) and continued progress in Set 14 (Room 2325) The Closure Project Team has removed a total of 150 gloveboxes

3 Modifications to the Central Storage Vault repair bay to support the removal of the storage pallets for the vault are nearly complete A total of 46 of 1147 pallets have been removed

4 Placed the following Resource Conservation and Recovery Act (RCRA) units into RCRA Stable status 371 1C, rooms 1101 and 1208

5 Continued the strip-out of Area AM (B374 Chemical Preparation Area) The Closure Project Team has removed tanks and electrical equipment in support of the dismantlement of this area

6 Commenced the sludge removal from the B374 tanks

Activities planned for the third quarter of FY03 include Raschig Ring removal in Sets 10 and 6, continue strip-out of Area AM, utilization of the cerium nitrate decontamination technology if this is determined necessary to ensure the tanks/gloveboxes meet the SCO criteria, continue strip-out of electrical, mechanical, tanks, and glovebox systems in Sets 4, 12, 13, 14, 16, 56, and 58, and continue sludge removal from B374 tanks

3.4 Industrial Area Operable Unit, B707 Closure Project

The B707 Closure Project DOP was approved by CDPHE on January 18, 2001 As of December 31, 2002, two minor modifications to the DOP have been approved During

the second quarter of FY03, the B707 Closure Project Team conducted the following activities

1 Completed Sets B3, H2, J3, T1, 08, and 12 (second floor) The work performed this quarter encompassed the removal of another 17 (to date, 242 of total 377) glovebox/chainveyor equivalents (6 in B3, 4 in J3, and 7 were completed in Set K2) Notable accomplishments included the removal of a large, glove box housed post-form anneal furnace, highly contaminated oxide-burn furnace, 2 exhaust filter units, 4 exhaust fans, supply fans and filter units, and associated general dry air system equipment This brings the total sets completed to date to 50 of 99 sets

2 Decommissioned and removed the 5,440 gallon carbon tetrachloride supply tank from the exterior of B707 The 12 foot high tank was isolated and removed from enclosure berm, monitored for free-release, and recycled

3 Removed approximately 1,400 cubic meters of transuranic and low level mixed waste A total of approximately 11,040 cubic meters have been removed since January 2001

Activities planned for the third quarter of FY03 include the completion of Sets C5, K2, and T4, begin work on Sets B7, C7, E7, K3, and continue work on Sets Y4, and J2 Work will also initiate on the first zone I plenum set on the second floor Asbestos abatement/removal is expected to continue with effort taking place on the second floor, finishing the first floor corridor ceiling tile removal/replacement/clean-up, and removal of some interior module walls

3.5 Remediation, Industrial & Site Services Project

RISS activities supporting RFETS closure during the second quarter of FY03 include D&D as well as Environmental Restoration (ER)

3.5.1 Decontamination and Decommissioning

During the second quarter of FY03, the following activities were completed

1 Decommissioning in B444 continued A detailed decommissioning plan/proposal was completed for B444 and is under review B444 decommissioning will continue in FY03 concurrent with detailed planning for extensive facility decommissioning in FY04

2 B865 decommissioning status is as follows
- Asbestos abatement 59% complete
- Dismantlement 66% complete

- Structural decontamination 48% complete

3 B881 decommissioning status is as follows
  - Asbestos abatement 43% complete
  - Dismantlement/Decontamination 60% complete
  - Decontamination 62% complete

4 B883 decommissioning was suspended in February due to funding priorities

5 Other significant second quarter FY03 decommissioning activities include
  - Trailers T121A, T441A, T886D decommissioned
  - B885 demolished
  - Tent 10 and Tent 11 demolished
  - B112 demolished
  - B441 demolished
  - B453, B449, B427, B427A, B449, b449a, B444 outlier buildings demolished

6 Minor modifications to the D&D Characterization Protocol and the Reconnaissance Level Characterization Plans were submitted to DOE on February 5, 2003 The modifications were a result of previous agreements with CDPHE on minor asbestos management issues The modifications were submitted to CDPHE in April 2003

3.5.2 Environmental Restoration

ER activities implementing RFCA and supporting closure during the second quarter of FY03 included (1) Buffer Zone (BZ) Operable Unit (OU), Group 900-11 (903 Pad), (2) Group 000-5 (Present Landfill), Group 000-1 (Solar Ponds), and Group SW-2 (Original Landfill), and (3) Industrial Area (IA) Characterization

3.5 2 1 Buffer Zone Operable Unit, Group 900-11 (903 Pad)

The 903 Pad project involves excavation and off-site disposal of asphalt and underlying contaminated soil The following work activities under the ER RFCA Standard Operating Protocol (RSOP) were completed during the second quarter of FY03

- 43 cells were completed (excavated and backfilled),
- 296 intermodals have been filled with soil, gravel fill and asphalt,
- 261 intermodals have been shipped off site for disposal, and
- the weather tents have been successfully moved several times, have sustained high winds and heavy snow loads without any significant damage

The project to date has accomplished the following

- 55 cells have been completed (25 percent of the 225 total) and
- Approximately 7,200 tons of soil, gravel and asphalt have been excavated

The Actinide Migration Evaluation advisory group is assisting the 903 Pad remediation project by providing technical analytical support to characterize soil samples collected from the 903 Pad excavation Two samples from the 903 Pad were sent to Los Alamos National Laboratory in February, and then transferred to Stanford University to be analyzed for plutonium speciation using X-Ray Absorption Near-Edge Structure This sophisticated analytical technique will provide additional understanding of the plutonium species present in the soils at the 903 Pad

3.5 2.2 Group 000-5 (Present Landfill), Group 000-1 (Solar Ponds) and Group SW-2 (Original Landfill)

Group 000-5 (Present Landfill)

This project involves the design and construction of a RCRA compliant cover at the Present Landfill for RCRA interim status closure The Interim Measure/Interim Remedial Action Decision Document underwent formal public review during the fourth quarter of FY02 and is being revised during first and second quarters of FY03 Approval is anticipated during the third quarter of FY03 The 60% design was completed and distributed for review during the first quarter of FY03 Document preparation and design will continue in the third quarter of FY03 Field activities are scheduled to begin in the first quarter of FY04 if the final Interim Measure/Interim Remedial Action Decision Document is approved by then

Group 000-1 (Solar Ponds)

The Closeout Report for work activities under the ER RSOP Notification was submitted to the regulators along with the Data Summary Report for individual hazardous substance sites (IHSS) 165 and 176 At this time, no comments have been generated by the regulators regarding the Closeout Report or Data Summary Report

A Proposed Action Memorandum (PAM) for No Further Action of the Solar Evaporation Ponds was developed by the Site summarizing previous accelerated actions in the Solar Evaporation Ponds area, as well as the results of a risk assessment The PAM was submitted for public review in October 2002 and a Responsive Summary was submitted in December 2002 for regulatory approval The regulators submitted comments to the PAM and the risk assessment The PAM for No Further Action of the Solar Evaporation Ponds was resubmitted to the regulatory agencies after comments were reviewed and

incorporated It is anticipated the regulators will approve the PAM in the third quarter of FY03

Group SW-2 (Original Landfill)

The Original Landfill project completed the selection of contaminants of concern, and the identification of applicable and relevant and appropriate requirements during first quarter FY03 The alternatives analysis and selection of the preferred alternative will be completed during the third quarter of FY03 The draft Interim Measure/Interim Remedial Action is scheduled to be available for agency and informal stakeholder review in the third quarter of FY03 Field activities are scheduled to commence in the second quarter of FY04 if the final Interim Measure/Interim Remedial Action Decision Document is approved by then

3.5.2.3 Industrial Area Characterization

The IASAP was approved by CDPHE in June 2001 IASAP Addenda for FY03 were prepared to describe soil-sampling locations in IHSSs, Potential Area of Concern (PAC), and Under Building Contamination (UBC) sites The IASAP Addenda contain maps of existing sampling locations and data, where available, and proposed new sampling locations During second quarter of FY03, IHSS Groups 300-1, 700-4, and 900-3 were characterized and characterization was initiated at 300-3 (UBC 371) and 300-4 (UBC 374) Accelerated Actions were completed at IHSS Group 300-1 (B335) area and 900-1 (B993 UBC only) Data analysis of IHSS Groups 300-6 and 900-3 is ongoing
Table 2 lists the status of ER Closure Documents, including IASAP Addenda

Table 2. STATUS OF RFETS CLOSURE DOCUMENTS

IHSS Groups	Status	Date DOE to Agencies	Approval Date
Closeout Reports			
000-1 - SEP AOC	Awaiting comments from agencies, will revise document	12/18/02	
100-4 UBC 123, IHSS 148, PAC 100-611	Awaiting comments from agencies, will revise document	7/12/02 & 3/24/03	
100-5 - PAC 100-609	Awaiting comments from agencies, will revise document	7/12/02 & 3/24/03	
800-4 – UBC 886, IHSS 164 2, & portions of 121	Revising document	9/26/02 & 3/6/03	
800 6 – UBC 889, IHSS 164 3, & portions of 121	Approved 2/28/03 NFAA received 3/25/03	9/30/02 & 2/6/03	2/28/03
600-1 – Temporary Waste Storage – B663	Under review by agencies	12/23/02	
300-1 - Oil Burn Pit #1	Under review by agencies	3/17/03	
600-2 - Storage Shed South of B334	Under review by agencies	3/13/03	
Data Summary Reports			

IHSS Groups	Status	Date DOE to Agencies	Approval Date
000 1 - SEP AOC	Under revision Will resubmit, including NFAA request	12/18/02	
400-10 – IHSS 120 2, IHSS 161, & PAC 400-807	Under revision Will resubmit Including NFAA request	9/30/02	
500 6 – PAC 500 906	Under revision Will resubmit, Including NFAA request	9/30/02	
600-6 – PAC 600 1005	Under revision Will resubmit, including NFAA request	9/30/02	
700-12 – 700-1106	Under revision Will resubmit, including NFAA request	9/30/02	
900-2 – IHSSs 153 and 154	Under revision Will resubmit, including NFAA request	12/23/02	
900 – 4&5	Under revision Will resubmit Including NFAA request	12/4/02	
700 3 UBC 776 & 777 et al (Limited Scope)	Under review by agencies	2/28/03	
500 7 Tanker Truck Release	Under review by agencies	3/28/03	
800-2 - B881 UBC et al	Under review by agencies	3/17/03	
NFAA Summaries			
Ash Pits (Part of SW-1)	Revisions being made for resubmittal	3/17/03	
Trench 7 (Part of NE 2 w/ Ryans Pit)	Revisions being made for resubmittal	3/17/03	
Trench 4 Burrito	Revisions being made for resubmittal	3/17/03	
IASAP Addenda			
IA-03-04 - Group 700-3 (Limited)	Under review by agencies	3/4/03	3/25/03
IA-03 05 - Group 500-4 Middle Site Chemical Stg	Under review by agencies	3/11/03	

4.0 Water Management

Water management activities during the second quarter of FY03 are summarized by (1) Watershed Improvements, (2) Surface Water Management, (3) Surface Water Monitoring, (4) Groundwater Monitoring, and (5) the Rocky Flats Water Working Group

4.1 Watershed Improvements

In accordance with the *Storm Water Pollution Prevention Plan*, Storm Water Pollution Prevention and Storm Drainage Inspection training was administered to four employees in preparation for the annual *Comprehensive Site Compliance Evaluation* inspections required by the National Pollutant Discharge Elimination System Permit This training will prepare the employees to identify potential pollution sources during the inspection, evaluate and implement sediment and erosion controls measures, and classify the condition of the RFETS drainage structures

Approximately eighteen culverts throughout the Industrial Area were cleaned and restored to proper operation These culverts were scattered throughout the Industrial Area within seven different drainages Additionally, twenty culverts that need maintenance were identified and a soil disturbance package was submitted

Storm water pollution prevention practices (silt fences, straw bales, recontouring patterns, etc) were implemented for various demolition projects to minimize erosion and storm water runoff that could impact earlier remedial actions and the natural drainage system

The Site successfully completed the Pond B-5 pipeline removal The pipeline stretched over 4,700 linear feet, and was previously used to transfer water from Pond B-5 to Pond C-2 The removal included cutting the pipeline into sections, and stacking them for transport from RFETS After the pipe was removed, 174 roadbase piles that previously covered the pipe were removed or dispersed in preparation for reseeding and mulching of the area

4 2 Surface Water Management

During the second quarter of FY03, Kaiser-Hill completed the following pond water transfers and discharges totaling an estimated 70 76 Million Gallons (MG), an increase of 273% compared to the second quarter of FY02 (25 93 MG) Due to significant stormwater runoff from a large snowstorm event that occurred March 17 through 19, 2003, several pond discharges are still underway Therefore, water quantities are estimated for those events Revised quantities will be provided in the RFCA Quarterly Status Report for the third quarter of FY03

Pond A-3 activity included two outlet-valve direct discharges to Pond A-4 totaling approximately 24 66 MG The first routine discharge of 3 66 MG occurred during the period of January 3 through 8, 2003 The second non-routine discharge of an estimated 21 MG began on March 18 and is still underway

Pond A-4 activity included two outlet-valve direct discharges to North Walnut Creek totaling approximately 19 80 MG The first routine discharge of 8 80 MG occurred during the period of February 13 through 21, 2003 Water-quality samples were collected and analyzed, and all approvals were obtained prior to the discharge Because of heavy snow melt, the second non-routine outlet-valve direct discharge of an estimated 11 MG began on March 27, 2003 and continued through the period when this report was transmitted to DOE Water-quality samples were collected prior to the discharge, but analytical results will not be available for several weeks The City of Broomfield diverted both Pond A-4 discharges around Great Western Reservoir via the Broomfield Diversion Ditch because of construction activities on the Great Western Reservoir dam

Pond B-1 activity included one routine pumped-transfer to Pond B-2 totaling 0 67 MG This pumped-transfer occurred on March 27 and 31, 2003

Pond B-5 activity included two outlet-valve direct discharges to South Walnut Creek totaling approximately 25 63 MG The first routine discharge of 9 63 MG occurred

during the period of February 13 through 24, 2003 Water-quality samples were collected and analyzed, and all approvals were obtained prior to the discharge Because of heavy snow melt, the second non-routine outlet-valve direct discharge of an estimated 16 MG began on March 24, 2003 and continued through the period when this report was transmitted to DOE Water-quality samples were collected prior to the discharge, but analytical results will not be available for several weeks The City of Broomfield diverted both Pond B-5 discharges around Great Western Reservoir via the Broomfield Diversion Ditch because of construction activities on the Great Western Reservoir dam

There were no Pond A-1, A-2, B-2, C-2, or Landfill Pond transfers or discharges during the second quarter of FY03

Transfers and discharges from RFETS ponds during the second quarter of FY03 are summarized in Table 3

Table 3. RFETS POND WATER TRANSFERS AND DISCHARGES SECOND QUARTER OF FY03

Dates	Pond Activity	Total MG	Mode
1/3 to 1/8	A-3 to A-4	3 66	Outlet-valve direct discharge
2/13 to 2/21	A-4 to NWC	8 80	Outlet-valve direct discharge
2/13 to 2/24	B-5 to SWC	9 63	Outlet-valve direct discharge
3/18 (started)	A-3 to A-4	21 (estimated)	Outlet-valve direct discharge
3/24 (started)	B-5 to SWC	16 (estimated)	Outlet-valve direct discharge
3/27 (started)	A-4 to NWC	11 (estimated)	Outlet-valve direct discharge
3/27 and 3/31	B-1 to B-2	0 67	Pumped-transfer
	Estimated Total for Quarter	**70.76 MG**	

4.3 Surface Water Monitoring

During the second quarter of FY03, 116 composite samples were collected by the RFCA automated monitoring network and submitted for analysis This level of sampling activity is 222% greater than anticipated (36 samples targeted) for the current monitoring network and 127% greater than the average (51 samples) for the same period during the prior six years of RFCA sampling (Quarter (Q) 2FY02 51 samples, Q2FY01 51 samples, Q2FY00 60 samples, Q2FY99 49 samples, Q2FY98 62 samples, and Q2FY97 33 samples) The increase in sampling activity resulted from increased runoff in March due to the large snowstorm event that occurred March 17 through 19, 2003, and an increase in the number of surface-water performance monitoring stations

Including all analytical data available for the quarter as of April 1, 2003, the 30-day moving average values for all Point of Evaluation and Point of Compliance locations were below the RFCA action levels and standards for all monitored analytes

Three additional surface-water performance-monitoring locations (SW021, GS60, GS61) are scheduled for installation during the third quarter of FY03 SW021 will be located at the outfall end of the concrete culvert draining the B991 Area into Walnut Creek and provide performance-monitoring coverage for the GS10 subdrainage basin GS60 will be located at the south west corner of Cottonwood and Seventh Street to provide performance-monitoring coverage of B664 and 400 Area D&D projects GS61 will be located at the outfall end of the culvert that drains the south and east sides of B559 to provide performance monitoring coverage for B559 D&D

All monitoring equipment was reinstalled at the new GS03 flume on February 12, 2003 Operation began immediately in conjunction with the concurrent Pond A-4 and B-5 batch discharges Temporary monitoring location GS03T was also removed at this time

Significant progress was made on the SW093 flume replacement project Construction activities began in the beginning of February 2003 The old flume was demolished, the area was excavated and concrete pours were completed Weather permitting, the new H-flume will be installed and final grading completed during the third quarter of FY03 The new SW093 monitoring station should be operational during the third quarter of FY03

4 4 Ground Water Monitoring

The Third (calendar) Quarter 2002 groundwater monitoring report was presented to the Stakeholders at the Quarterly Information Exchange Meeting on February 25, 2003

Other activities completed during the second quarter of FY03 included

1 One hundred forty nine groundwater monitoring wells were sampled during the second quarter of FY03 Eight hundred fifty groundwater samples were shipped to offsite laboratories for analysis

2 Water levels were measured at 384 monitoring wells during the second quarter of FY03

3 The Well Abandonment and Replacement Program abandoned 151 wells during the second quarter of FY03

4 Initiated preparation of the fourth quarter 2002 RFCA Groundwater Monitoring Report

4.5 Rocky Flats Water Working Group

The RFETS Water Working Group followed the Quarterly Exchange of Information Meeting held on February 25, 2003 The following items were included in the agenda

- VOC Modeling Status
- GS03 Flume Replacement Project Completion
- Uranium High Resolution ICP/MS
- Structure of Water Working Group
- Future Water Working Group Discussion Topics

The next Water Working Group was scheduled for May 27, 2003, directly following the Quarterly Exchange of Information meeting

5.0 List of Approved Decision Documents

This list of approved decision documents provides the information for the update to RFCA Attachment 12

1 IHSS Group 800-6 Closeout Report was approved by CDPHE on February 28, 2003